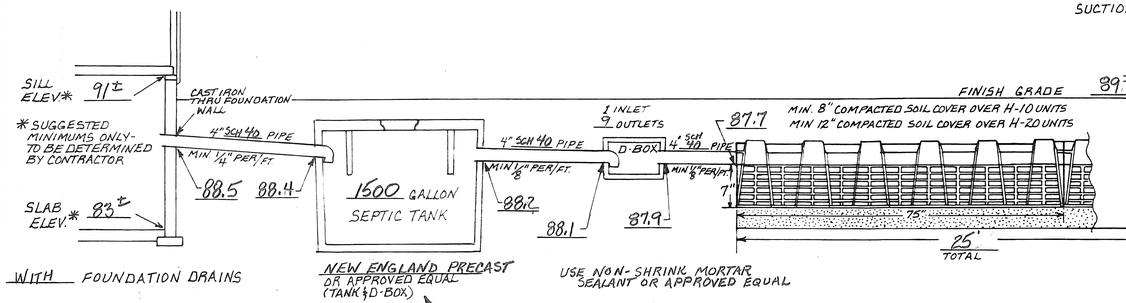
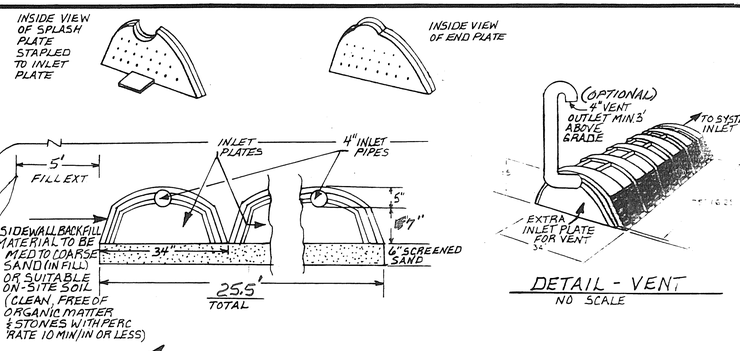
ALL COMPONENTS UNDER PAVEMENT OR ROADWAY TO BE H-20

WATER LINE MINIMUM DISTANCES:
PRESSURE - 10' FROM S.T. 25' FROM L.F.
SUCTION - 50' FROM S.T. 100' FROM L.F.





DETAIL - VENT
NO SCALE

CROSS SECTION DISPOSAL SYSTEM — NOT TO SCALE

BENCH MARKS

#1: PAINT MARK ON LEDGE - EL 86.06
#2: SET NAIL 12" PINE - EL 84.57
#3: SET NAIL 24" PINE - EL 85.98
DATUM: ASSUMED

SOIL CLASSES

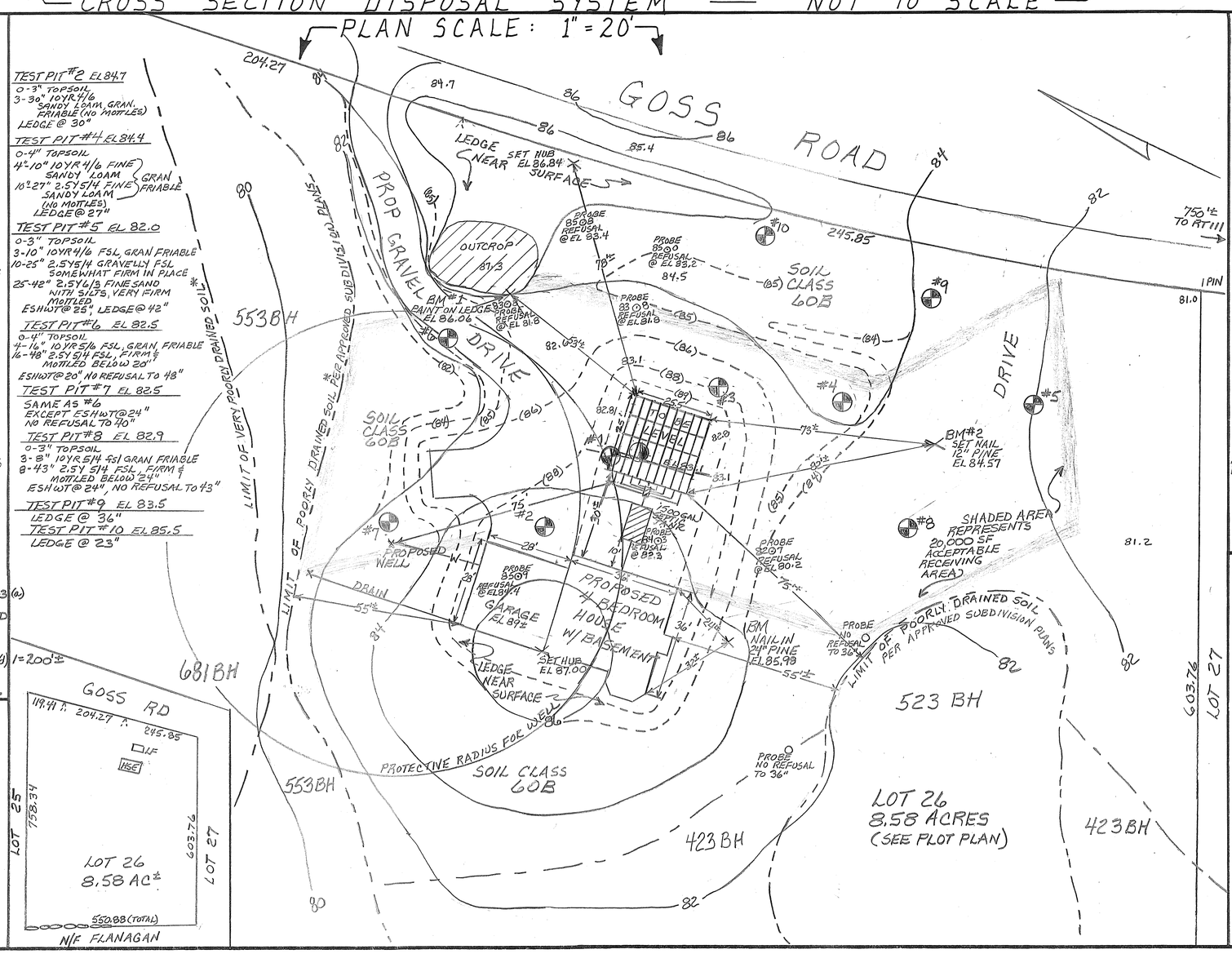
SOURCE: APPROVED SUBDIVISION PLANS
60B - CHATFIELD-HOLLIS-CANTON
423BH, 523BH, 553BH, 681BH - SOIL SCIENTIST MAPPING

DESIGN INTENT: BED BOTTOM TO BE 48" ABOVE GRADE AT EL 83.1 - USING 50% ROCK - 75% OF BED AREA DOWN SLOPE

NOTES

1. THIS PLAN IS NOT TO BE CONSTRUED AS A LOT SURVEY. FOR N.H.W.S.&P.C. SUBMITTAL ONLY.
2. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE
3. SUBDIVISION APPROVAL #23476
4. CONTRACTOR MUST:
   A VERIFY TOWN ZONING AND BUILDING REQUIREMENTS AT TIME OF CONSTRUCTION
   B NOTIFY DESIGNER IMMEDIATELY OF ANY DISCOVERED DISCREPANCIES AFFECTING SYSTEM DESIGN
5. NO SURFACE WATER/HYDRIC A SOILS WITHIN 75' OF SYSTEM. NO HYDRIC B WITHIN 50' OF SYSTEM.
6. —82— EXISTING CONTOUR; - - -(84)- - - PROPOSED CONTOUR; 84.0 EXISTING SPOT ELEVATION; _ _ _ _ _ SOIL CLASS LINE
7. a) FILL MATERIAL UNDER AND UP TO 25' LATERALLY FROM BED TO BE MED TO COARSE SAND PER ENV-WS 1021.03(a) COMPACTED IN 12" LAYERS.
   b) ADDITIONAL FILL MATERIAL REQUIRED TO PROVIDE 3' TO LEDGE WITHIN SPECIFIED 20,000 SF RECEIVING AREA MAY BE SAME AS ABOVE OR MEET REQUIREMENTS OF ENV-WS 1011.01(d) COMPACTED IN 8" LAYERS. WETTING AND STABILIZATION PERIOD TO BE REVIEWED BY DESIGNER PRIOR TO PLACEMENT OF FILL.

PLAN SCALE: 1" = 20'



TEST PIT #2 EL 84.7
0-3" TOPSOIL
3-30" 10YR 4/6 SANDY LOAM, GRAN. FRIABLE (NO MOTTLES)
LEDGE @ 30"

TEST PIT #4 EL 84.4
0-4" TOPSOIL
4-10" 10YR 4/6 FINE SANDY LOAM } GRAN FRIABLE
10-27" 2.5Y 5/4 FINE SANDY LOAM (NO MOTTLES)
LEDGE @ 27"

TEST PIT #5 EL 82.0
0-3" TOPSOIL
3-10" 10YR 4/6 FSL, GRAN FRIABLE
10-25" 2.5Y 5/4 GRAVELLY FSL SOMEWHAT FIRM IN PLACE
25-42" 2.5Y 6/3 FINE SAND WITH SILTS, VERY FIRM MOTTLED
ESHWT @ 25", LEDGE @ 42"

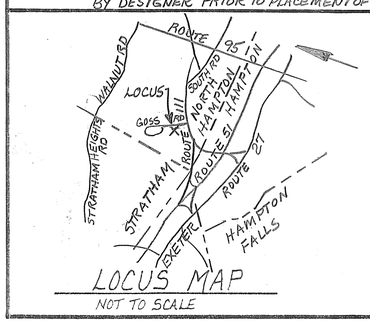
TEST PIT #6 EL 82.5
0-4" TOPSOIL
4-16" 10YR 5/6 FSL, GRAN, FRIABLE
16-48" 2.5Y 5/4 FSL, FIRM & MOTTLED BELOW 20"
ESHWT @ 20" NO REFUSAL TO 48"

TEST PIT #7 EL 82.5
SAME AS #6 EXCEPT ESHWT @ 24" NO REFUSAL TO 40"

TEST PIT #8 EL 82.9
0-3" TOPSOIL
3-8" 10YR 5/4 FSL GRAN FRIABLE
8-43" 2.5Y 5/4 FSL, FIRM & MOTTLED BELOW 24"
ESHWT @ 24", NO REFUSAL TO 43"

TEST PIT #9 EL 83.5
LEDGE @ 36"

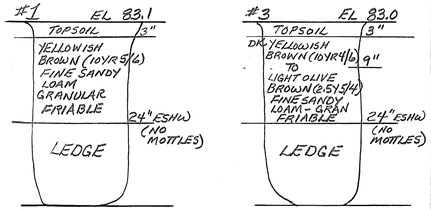
TEST PIT #10 EL 85.5
LEDGE @ 23"



LOCUS MAP
NOT TO SCALE

TEST PIT DATA

DATE: 10/3/92, 10/10/92
TOWN INSPECTOR: N/A



PERC TEST DATA

DATE: 10/10/92
DEPTH OF HOLE: 20"
PERC RATE: 8 MIN/IN
DESIGN LOADING: 4 BEDROOMS
CONVENTIONAL AREA REQUIRED: 1000 x 0.60 = 600 SQ FT
CHAMBER EXIS AREA REQUIRED: 600 (18 SF) = 34 INFILTRATORS REQUIRED
WELL
AREA PROVIDED: 25.5' x 25' = 638 SF BED AREA
NUMBER OF UNITS: 36 @ 18 SF EACH = 648 SF EFFECTIVE AREA PROVIDED

PROPOSED INFILTRATOR LEACHING SYSTEM

LOCATION: LOT 26 GOSS RD NORTH HAMPTON, NH

OWNER: LANDMARK BUILDERS
861 LAFAYETTE RD
HAMPTON NH 03842

APPLICANT: STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03842

New Hampshire Designer of Subsurface Disposal Systems — Ann W. Bialobrzeski No. 348 — Water Supply & Pollution Control

DATE: 2/28/93 REV. 3/18/93
APPROVAL: 197405

162 LOT 26